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| <b>Search Notes</b><br><br> | <b>Application/Control No.</b><br><br>10625167 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>SCHIFF ET AL. |
|  | <b>Examiner</b><br><br>RAYMOND S DEAN          | <b>Art Unit</b><br><br>2618   |

| SEARCHED |  |            |          |
|----------|--|------------|----------|
| Class    | Subclass   | Date       | Examiner |
| 455      | 12.1-13.4  | 11/14/2009 | RSD      |
|          | 427-429  | 11/14/2009 | RSD      |
| 370      | 316-318  | 11/14/2009 | RSD      |
|          | Updated Search of the same classes set forth above | 6/10/10    | RSD      |

| SEARCH NOTES   |            |          |
|--|------------|----------|
| Search Notes   | Date       | Examiner |
| Updated Search of EAST   | 3/17/2009  | RSD      |
| Text-"(mobile or terminal) near4 select\$3 near4 data adj rate same quality"   | 3/17/2009  | RSD      |
| Updated Search of EAST   | 6/8/2009   | RSD      |
| (approximat\$3 or estimat\$3 or measur\$3 or determin\$5) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr) near3 reverse adj link near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr) | 6/8/2009   | RSD      |
| (approximat\$3 or estimat\$3 or measur\$3 or determin\$5) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr) near3 return adj link near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr)" | 6/8/2009   | RSD      |
| Text-"(random near time or anytime) near2 within near time adj slot","(random adj point or random adj period) near2 within near time adj slot","randomly near select\$3 near2 within near time adj slot"   | 6/8/2009   | RSD      |
| Updated Search of EAST   | 11/14/2009 | RSD      |
| Text-"(chang\$3 or adjust\$3 or modif\$4) near3 data adj rate near6 (simultaneous\$2 or concurrent\$2 or "same" near time) same ((return or reverse or service) adj link or uplink or downlink) "  | 11/14/2009 | RSD      |
| Text-"random near (point or time or period) near4 time adj slot and ((return or reverse or service) adj link or uplink or downlink)"   | 11/14/2009 | RSD      |
| Text-"(anytime or any adj point or any adj period) near4 time adj slot and ((return or reverse or sevice) adj link or uplink or downlink) "  | 11/14/2009 | RSD      |
| Text-"randomly near select\$3 near2 within near3 time adj slot and ((return or reverse or service) adj link or uplink or downlink)"  | 11/14/2009 | RSD      |

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| Search Notes  | Date       | Examiner |
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| Text-"(approximat\$3 or estimat\$3 or measur\$3 or determin\$5 or calculat\$3) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr or carrier near interference near2 noise or cinr) near4 (reverse or return or service) adj link near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference o | 11/14/2009 | RSD      |
| Text-"(approximat\$3 or estimat\$3 or measur\$3 or determin\$5 or calculat\$3) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr or carrier near interference near2 noise or cinr) near4 (reverse or return or service) adj link near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference o | 11/14/2009 | RSD      |
| Text-"(approximat\$3 or estimat\$3 or measur\$3 or determin\$5 or calculat\$3) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr or carrier near interference near2 noise or cinr) near4 (uplink or downlink) near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or ene | 11/14/2009 | RSD      |
| Text-"(approximat\$3 or estimat\$3 or measur\$3 or determin\$5 or calculat\$3) near5 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr or carrier near interference near2 noise or cinr) near4 (uplink or downlink) near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or ene | 11/14/2009 | RSD      |
| Searched Google   | 11/14/2009 | RSD      |
| Looked at IDS again   | 11/14/2009 | RSD      |
| Updated Search of EAST  | 6/10/10    | RSD      |
| Updated Search of Google  | 6/10/10    | RSD      |
| Looked at IDS again   | 6/10/10    | RSD      |
| Text-"random near (point or time or period) near4 (time adj slot or time-slot or timeslot) and (return or reverse or service) adj link"   | 6/10/10    | RSD      |
| Text-"random near (point or time or period) near4 (time adj slot or time-slot or timeslot) and (uplink or downlink)"  | 6/10/10    | RSD      |
| Text-"(anytime or any adj point or any adj period) near4 (time adj slot or time-slot or timeslot) and (return or reverse or sevice) adj link "  | 6/10/10    | RSD      |
| Text-"(anytime or any adj point or any adj period) near4 (time adj slot or time-slot or timeslot) and (uplink or downlink) "  | 6/10/10    | RSD      |
| Text-"randomly near6 (time adj slot or time-slot or timeslot) and (return or reverse or service) adj link"  | 6/10/10    | RSD      |
| Text-"randomly near6 (time adj slot or time-slot or timeslot) and (uplink or downlink)"   | 6/10/10    | RSD      |

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| Text contd-"or downlink) near6 (signal near noise or snr or signal near interference or sir or carrier near noise or carrier near interference or cnr or cir or energy near bit near2 noise or signal near interference near2 noise or sinr or carrier near interference near2 noise or cinr or signal near noise near2 interference or carrier near noise near2 interference or snir or cnir) near4 (forward adj link or uplink or downlink or feeder adj link or service adj link) and satellite\$1"                    | 6/10/10 | RSD      |

## INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
|-------|----------|------|----------|
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